

Patent Claims

- 1) Method for the production of geotextiles, characterized in that the production of the continuous fibers of different texture takes place in one spinning process, wherein the adjustment of the ratio of fibers of finer and coarser texture is defined and, in the subsequent mechanical and/or hydraulic solidification, a geotextile with defined properties is produced.
- 2) Method as claimed in claim 1, characterized in that the finer fibers have a texture of 1-10 dtex.
- 3) Method as claimed in one of claims 1 or 2, characterized in that the coarser fibers have a texture of 5-30 dtex.
- 4) Method as claimed in one of claims 1 to 3, characterized in that the proportion of finer fibers is 20-95%.
- 5) Method as claimed in one of claims 1 to 4, characterized in that two or more fibers of different texture are produced in one spinning process.
- 6) Spinneret plate for the production of melt-spun continuous fibers for geotextiles, characterized in that the spinneret plate has bores of different diameters for producing fibers of different texture in one spinning process.
- 7) Spinneret plate as claimed in claim 6, characterized in that the bores have identical or different non-round cross sectional shapes.
- 8) Geotextile produced utilizing a method claimed in claims 1 to 5.